

Claims

- 1) Belt for overhead conveyor systems, of the type provided with regularly spaced openings (F), characterised by the fact that it has a close series of identical brackets (1) fixed to the upper longitudinal edge of the belt, each bracket being composed of an opposite pair of identical curved jaws (2, 3) and designed to support an opposite pair of wheels (10) with horizontal axis in central position and a single wheel (8) with vertical axis at each end.
- 2) Belt as defined in claim 1, characterised by the fact that each jaw (2, 3) is provided in upper ending position with shelves (2a/2b, 3a/3b) with holes with vertical axis (6) used to fit the pins (8a) of the wheels (8) and characterised by the fact that each jaw (2, 3) has a central eyelet (2c, 3c) in edgewise position suitable to receive the horizontal pin (10a) that supports the opposite pair of wheels (10).
- 3) Belt as defined in claim 1 or in both preceding claims, characterised by the fact that each jaw (2, 3) has a central hole (4) that receives a rivet used to fix each bracket (1) to the belt (N) with a hole (5).
- 4) Belt as defined in one or more of the preceding claims, characterised by the fact that it has a close series of opposite pairs of plates (11) fixed to the lower longitudinal edge, each of them having an internal convex face (11c) and a V-shaped upper edge (11b), as well as a hole (11a) that receives a rivet used to fix each pair of plates (11) to the belt (N) with a hole (12).
- 5) Belt as defined in one or more claims 1 to 3, characterised by the fact that it has a close series of opposite pairs of plates (13) with eyelets fixed to the lower longitudinal edge, each of them having an internal convex face (13c) and a V-shaped internal horizontal edge (13b), as well as a hole (13a) that receives a rivet used to fix each pair of plates (13) to the belt (N) with a hole (12).
- 6) Belt as defined in one or more of the preceding claims, characterised by the fact that the upper longitudinal edge has a regularly spaced series of eyelets (14) having exactly the same shape as the eyelets (2c, 3c) of the jaws (2, 3), as well as a central coaxial hole (14a) identical to the holes (9) of the

eyelets (2c, 3c).

7) Belt as defined in one or more of the preceding claims, characterised by the fact that it has a metallic structure.

8) Belt as defined in one or more of claims 1 to 6, characterised by the fact
5 that it has a non-metallic structure.

9) Belt as defined in the preceding claim, characterised by the fact that it is made of rubber.